

WHAT IS CLAIMED IS:

1 1. A cable connector assembly for receiving a shielded cable assembly,
2 comprising:
3 a conductive connector shield; and
4 an impedance operable to couple the connector shield to a shield of the
5 shielded cable assembly.

1 2. The assembly of claim 1, wherein the impedance comprises a
2 capacitance.

1 3. The assembly of claim 2, further comprising a conductive element
2 operable to be coupled to the cable assembly shield; and
3 wherein the capacitance is formed from the connector shield and the
4 conductive element.

1 4. The assembly of claim 2, wherein the capacitance comprises a
2 capacitor having first and second terminals, the first capacitor terminal electrically
3 coupled to the connector shield, the second capacitor terminal operable to be
4 electrically coupled to the cable assembly shield.

1 5. The assembly of claim 1, wherein the impedance comprises a
2 resistance.

1 6. The assembly of claim 5, wherein the resistance comprises a resistor
2 having first and second terminals, the first resistor terminal electrically coupled to the
3 connector shield, the second resistor terminal operable to be electrically coupled to
4 the cable assembly shield.

1 7. The assembly of claim 1, wherein the connector shield is positioned
2 such that the connector shield does not contact the cable assembly shield when the
3 cable assembly is received by the connector assembly.

1 8. A network connection device, comprising:
2 a shielded cable assembly;

3 a shielded connector assembly receiving the cable assembly, the connector
4 assembly shield positioned to prevent contact between the connector assembly
5 shield and a shield of the cable assembly, the connector assembly comprising:

6 a capacitor having first and second terminals, the first capacitor terminal
7 contacting the connector assembly shield, the second capacitor terminal electrically
8 coupled to the cable assembly shield; and

9 a resistor having first and second terminals, the first resistor terminal
10 contacting the connector assembly shield, the second resistor terminal electrically
11 coupled to the cable assembly shield.

1 9. An electronic system, comprising:

2 a device; and

3 a signal-transmission medium coupled to the device, the medium comprising:

4 a shielded cable assembly;

5 a shielded connector assembly receiving the cable assembly, the
6 connector assembly shield positioned to prevent contact between the connector
7 assembly shield and a shield of the cable assembly, the connector assembly
8 comprising:

9 a capacitor having first and second capacitor terminals, the first
10 capacitor terminal contacting the connector assembly shield, the second capacitor
11 terminal electrically coupled to the cable assembly shield; and

12 a resistor having first and second resistor terminals, the first
13 resistor terminal contacting the connector assembly shield, the second resistor
14 terminal electrically coupled to the cable assembly shield.

1 10. The system of claim 9, wherein the device comprises a processor.

1 11. The system of claim 10, wherein the device is a computer.

1 12. A method of constructing a cable connector assembly having a body,
2 the connector assembly for coupling to a cable assembly having a cable shield, the
3 method comprising:

4 electrically coupling a conductive connector shield to the body;

5 electrically coupling a first terminal of a capacitor to the connector shield, a
6 second terminal of the capacitor operable to be electrically coupled to the cable
7 shield; and

8 electrically coupling a first terminal of a resistor to the connector shield, a
9 second terminal of the resistor operable to be electrically coupled to the cable shield.

1 13. The method of claim 12, wherein coupling a conductive connector
2 shield to the body comprises positioning the connector shield such that the connector
3 shield does not contact the cable shield.

1 14. A method of constructing a network connection device having a
2 shielded connector assembly receiving a shielded cable assembly, the connector
3 assembly shield positioned to prevent contact between the connector assembly
4 shield and the cable assembly shield, the method comprising:

5 electrically coupling a first terminal of a capacitor to the connector assembly
6 shield;

7 electrically coupling a second terminal of the capacitor to the cable assembly
8 shield;

9 electrically coupling a first terminal of a resistor to the connector assembly
10 shield; and

11 electrically coupling a second terminal of the resistor to the cable assembly
12 shield.

1 15. A network connection device having a shielded connector assembly
2 receiving a shielded cable assembly, the connector assembly shield positioned to
3 prevent contact between the connector assembly shield and the cable assembly
4 shield, the method comprising:

5 capacitive means for electrically coupling the connector assembly shield and
6 the cable assembly shield; and

7 resistive means for electrically coupling the connector assembly shield and the
8 cable assembly shield.